

Vermont's Approach to Drinking Water Source Protection

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Status of Vermont's Source Water Assessments

Water System Category	Total # Water Systems	% Assessments Complete
CWS	444	87%
NTNC	228	70%
TNC	697	2%
Total	1,369	41%

Increased Monitoring

Parameter	Percent
VOCs	8.0%
Natural Contaminants (Arsenic, Radium, Uranium)	4.8%
Nitrate	0.9%
SOCs	0.5%

Ranking of Priorities

Most common land use activities:

- **Storage and use of petroleum products**
- **Septic systems**
- **Agricultural practices**
- **Transportation corridors**

Vermont's biggest challenge will be to act now to prevent potential impacts from *future* development.

Ranking of Priorities (continued)

Many of Vermont's source water protection issues are not related to land use activities:

- **Naturally occurring contaminants**
- **Source construction**
- **Water shortages**

Vermont's source water protection strategy will need incorporate these source water issues in addition to the traditional land-use controls.

Next Steps

- Complete TNC Assessments
- Initiate source water monitoring program for TNC/NTNC radionuclides and arsenic
- Provide funds for removal of heating oil USTs at schools
- Provide funds to improve source construction (SW intake locations, well casing/grouting, spring construction)